

## Monthly Progress Report

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REC'D  
10-10-90  
F.B.

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Pursuant to: RCRA I-88-1088

Facility Site: Cranston, RI

Period Covered: September 1990 (25 August 1990 – 28 September 1990)\*

Date Submitted: 10 October 1990

### 1.0 SUMMARY

This is the third monthly progress report. Six significant Phase IA events occurred this month. These events are summarized in this section and discussed in detail in later sections of this report.

*Geophysical Investigation (Task 2.1).* The geophysical investigation was completed.

*Geological Investigation (Task 2.2).* The geological investigation was completed.

*Hydrogeological Investigation (Task 2.3).* The hydrogeological investigation was completed.

*Hydrological Investigation (Task 2.4).* The hydrological investigation was completed.

*Surveying (Task 3).* Surveying was completed.

*Phase IA Report (Task 4).* A draft of the Phase IA Report was completed and distributed for review.

*Phase IB Investigation.* Revisions to the proposal for the Phase IB investigation were completed and submitted to USEPA on schedule.

\*As agreed, the reporting period will be monthly through the fourth Friday of the month.



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## **2.0 TASKS AND ACTIVITIES COMPLETED**

The sampling and other activities (subtasks) that were completed are reported here.

### **2.1 Sampling Activities Completed**

All sampling activities in the Phase IA investigation had been completed already.

### **2.2 Other Tasks and Activities Completed**

The other tasks and activities (subtasks) that were completed are described here.

*Geophysical Investigation (Task 2.1).* Data reduction and interpretation was completed.

*Geological Investigation (Task 2.2).* Preparation of boring logs and laboratory analysis of soil samples was completed.

*Hydrogeological Investigation (Task 2.3).* Data compilation and preparation of well installation reports was completed.

*Hydrological Investigation (Task 2.4).* Laboratory and geotechnical analyses of sediments were completed; reduction and interpretation of field data were completed.

*Surveying (Task 3).* Missing points were surveyed. [See Section 6.2.] Data reduction was completed.

*Phase IA Report (Task 4).* A draft of the Phase IA Report was completed and distributed for review.

*Phase IB Investigation.* Revisions to the proposal for the Phase IB investigation were completed and submitted to USEPA on the scheduled date of 10 September 1990.

## **3.0 JEOPARDY TASKS (Scheduled tasks not completed)**

No tasks were in jeopardy as of 28 September 1990.

## **4.0 OTHER TASKS UNDERWAY (and on schedule)**

The tasks that were underway (and on schedule as of 28 September 1990) are reported here.

*Phase IA Report (Task 4).* Review of the draft of the Phase IA Report continued.

## **5.0 DATA OBTAINED**

The sampling results and other data obtained will be reported in the Phase IA Report. Recall that, as suggested by USEPA, grab samples were taken from the containerized running sands encountered during the installation of bedrock monitoring wells RW-1 and RW-4. These samples were not obtained in situ, but may serve as general indicators. These samples had been submitted for chemical, geotechnical, and physicochemical analyses during the last reporting period (August 1990). The results of these analyses have not yet been received, but will be reported when they are received.

## **6.0 PROBLEM AREAS**

The resolved, new, and potential problem areas are reported here.

### **6.1 Resolved Problem Area**

The only outstanding problem area identified in August was resolved in this reporting period. The problem and its resolution are explained here.

#### ***USEPA Required Revision of the Proposal for Phase IB of the RCRA Facility Investigation***

***Review of the Problem.*** The USEPA requested revision of the Phase IB investigation of the RFI Proposal. A revised proposal was due to USEPA on 9/7/90. This revision was drawing resources away from work on the Phase IA Report.

***Resolution.*** The Phase IB investigation of the RFI Proposal was revised to address the USEPA concerns and was re-submitted on schedule for approval.

### **6.2 New Problem Area**

One new problem area was identified and resolved during the reporting period. The problem and its resolution is reported here.

#### ***Several Key Survey Points Missed and Anomalies in Ground Water Levels Discovered***

***Review of the Problem.*** During data reduction it was discovered that several key points (e.g., wells, piezometers) were missed by the surveyors during their initial field measurements. In addition, during reduction of hydrological data, anomalous ground water levels were discovered in several wells and piezometers.

***Resolution.*** The points were surveyed. Ground water levels were re-measured in all piezometers and monitoring wells on 9/13/90.

### **6.3 Potential Problem Areas**

No potential problem areas were identified during this reporting period.

## **7.0 PROJECTED SCHEDULE OF TASKS (next two months)**

The projected schedule (based on Figure 5-2 in Volume 1, Chapter 2 of the *RCRA Facility Investigation Proposal*) is provided here. It covers the tasks to be performed in the next two months (October and November, 1990), along with other comments or considerations.

Target Date	Task#	Task	Comments/Considerations
10/10/90	4	Phase IA Report	
11/5/90	1	Mobilization for Phase IB is planned to begin	
11/10/90	8	October Progress Report	
ongoing	9	Project Management	
ongoing	10	Data Management	
ongoing	11	Project Administration	
ongoing	12	Quality Assurance	
ongoing	13	Health & Safety Assurance	

## **8.0 CHANGES IN WORK PLAN**

No changes to the Phase IA investigation were made during the reporting period.

## **9.0 OTHER COMMENTS**

The plans going forward into October and November include:

- completing and submitting the Phase IA Report, and
- preparing to begin the Phase IB investigation.